

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S12 and (hang\$4 with structureO	US-PGPUB; USPAT	OR	ON	2006/04/26 16:16
S1	91	KYLE near3 DONALD.in.	US-PGPUB; USPAT	OR	ON	2005/12/08 14:17
S2	17	S1 and acoustic\$4	US-PGPUB; USPAT	OR	ON	2005/12/08 14:20
S3	11	WRIGHT near3 ADAM.in.	US-PGPUB; USPAT	OR	ON	2005/12/08 14:21
S4	19	NIVENS near3 HAROLD.in.	US-PGPUB; USPAT	OR	ON	2005/12/08 14:22
S5	2	MCCONNELL near3 KENNY.in.	US-PGPUB; USPAT	OR	ON	2005/12/08 14:22
S6	32	SHAH near3 VIMAL.in.	US-PGPUB; USPAT	OR	ON	2005/12/08 14:22
S7	32	S6 and acoustic\$4	US-PGPUB; USPAT	OR	ON	2005/12/08 14:24
S8	1	VAN near3 EMPELEN near4 ERIC.in.	US-PGPUB; USPAT	OR	ON	2005/12/08 14:25
S9	1	("6137747").PN.	US-PGPUB; USPAT	OR	ON	2005/12/08 14:44
S10	217	(wellbore or borehole) and tubing and (acoustic\$4 with (transmit\$4 or transmission)) and (convert\$4 with signal)	US-PGPUB; USPAT	OR	ON	2005/12/09 15:42
S11	33	S10 and repeater	US-PGPUB; USPAT	OR	ON	2005/12/08 15:35
S12	1	("6470996").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/08 15:35
S13	1	S12 and convert\$4	US-PGPUB; USPAT	OR	ON	2005/12/08 15:56
S14	0	S12 and (hang\$4 with structure)	US-PGPUB; USPAT	OR	ON	2005/12/08 15:59
S15	0	S12 and (control\$4 with signal)	US-PGPUB; USPAT	OR	ON	2005/12/08 16:00
S16	1	S12 and control\$4	US-PGPUB; USPAT	OR	ON	2005/12/08 16:00
S17	217	(wellbore or borehole) and tubing and (acoustic\$4 with (transmit\$4 or transmission)) and (convert\$4 with signal)	US-PGPUB; USPAT	OR	ON	2005/12/08 17:00
S18	0	S17 and (hanging with structure)	US-PGPUB; USPAT	OR	ON	2005/12/08 17:00

## EAST Search History

S19	16	(borehole or wellbore) and (hanging with structure)	US-PGPUB; USPAT	OR	ON	2005/12/08 17:16
S20	1	("6899178").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/08 17:16
S21	0	S20 and (control\$4 with signal)	US-PGPUB; USPAT	OR	ON	2005/12/08 17:16
S22	1	S20 and control\$4	US-PGPUB; USPAT	OR	ON	2005/12/08 17:38
S23	1	("6470996").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/08 17:38
S24	1	S23 and frequency	US-PGPUB; USPAT	OR	ON	2005/12/08 18:12
S25	3	("6393921" "6397661" "6896412").PN.	US-PGPUB; USPAT	OR	ON	2005/12/08 18:13
S26	15	"6,393,921" "6,397,661" "6,896,412"	US-PGPUB; USPAT	OR	ON	2005/12/08 18:25
S27	217	(wellbore or borehole) and tubing and (acoustic\$4 with (transmit\$4 or transmission)) and (convert\$4 with signal)	US-PGPUB; USPAT	OR	ON	2005/12/09 15:43
S28	3	S27 and electrohydraulic	US-PGPUB; USPAT	OR	ON	2005/12/09 15:43
S29	199	(340/853.7,854.4,855.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/26 16:19
S30	113	S29 and acoustic\$4	US-PGPUB; USPAT	OR	ON	2006/04/26 16:19
S31	84	S30 and (convert\$4 or conversion)	US-PGPUB; USPAT	OR	ON	2006/04/27 15:41
S32	7	("5007052" "5079768" "5130987" "5570084" "5636216" "5953319" "6421731").PN.	US-PGPUB; USPAT	OR	ON	2006/04/27 15:41